

Key Publications by Areas of Research:

- Combinatorics: Mallows, C. L. and Wachter, K. W. Valency enumeration of rooted plane trees *J. Australian Math. Soc.* 13 pp. 472-476. (1972)
- Covering designs: Dalal, S. R. and Mallows, C. L. Factor-covering designs for testing software *Technometrics* 40 pp. 234-243. (1998)
- Inequalities: Mallows, C. L. and Richter, D. Inequalities of Chebychev type involving conditional expectations *Ann. Math. Statist.* 40 pp. 1922-1932. (1969)
- Probability: Mallows, C. L. A note on asymptotic joint normality *Ann. Math. Statist.* 43 pp. 508-515. (1972)
Mallows, C. L. Sequential sampling of finite populations with and without replacement *SIAM J. Appl. Math.* 24 pp. 164-168. (1973)
Chambers, J. M., Mallows, C. L. and Stuck, B. W. A method for simulating stable random variables *J. Amer. Statist. Assoc.* 71 pp. 340-344. (1976)
Mallows, C. L. and Shepp, L. A. B-stability *J. Applied Probability* 42 pp. 581-586 (2005)
- Ranking: Mallows, C. L. Non-null ranking models, I *Biometrika* 44 pp. 114-130. (1957)
- Robustness: Denby, L. and Mallows, C. L. Two diagnostic displays for robust regression analysis *Technometrics* 19 pp. 1-13. (1977)
Hajek, Hoeffding, Tukey, and Von Mises Summary of talk at Princeton, May 10, 1971.
- Smoothing: Mallows, C. L. Some theoretical results on Tukey's 3R smoother in *Smoothing Techniques for Curve Estimation Lecture Notes #757* pp. 77-90. Berlin: Springer-Verlag. (1979)
Mallows, C. L. Some theory of nonlinear smoothers *Ann. Statist.* 8 pp. 695-715. (1980)
- Applications: Denby, L. Landwehr, J. M. and Mallows, C. L. An exercise in the real world of design and analysis *The American Statistician* 55 pp. 263-271 (2001)
Mallows, C. L. Parity: Implementing the telecommunications act of 1996 *Statistical Science* 17 pp. 256-270. (With discussion, 271-285). (2002)
- Foundation: Mallows, C. L. and Walley, P. A theory of data analysis? *Pmc. Bus. and Econ. Stat. Sec., ASA* (1980)
Draper, D. R., Hodges, J. S., Mallows, C. L. and Pregibon, D. Exchangeability and data analysis *J. Roy. Statist. Soc. Ser. A* 156 pp. 9-28 (with discussion pp. 28-37) (1993)
Mallows, C. L. The zeroth problem *The American Statistician* 52 pp. 1-9. (1998)
- Statistical Math: Mallows, C. L. and Wachter, K. W. The asymptotic configuration of Wishart eigenvalues (abstract) *Ann. Math. Statist.* 61 p. 1384 (1970)

- Denby, L. and Mallows, C. L. Singular values of large matrices subject to Gaussian perturbation *Proc. 23rd Symp. Interface* pp. 54-57. (1991)
- Methods: Mallows, C. L. Latent vectors of random symmetric matrices *Biometrika* 48 pp. 133-149. (1961)
- Williams, W. H. and Mallows, C. L. The potential systematic behavior of some panel survey estimates *Proc. Soc. Stat. Sect., ASA* pp. 44-54. (1969)
- Mallows, C. L. Some comments on *Cp Technometrics* 15 pp. 661-667. (1973) (Reprinted in *Technometrics* 42 pp.87~94 (2000), with introduction by R. F. Gunst pp. 62-64)
- Mallows, C. L. Augmented partial residuals *Technometrics* 28 pp. 313-319. (1986)
- Cleveland, W. S., Mallows, C. L. and McRae, J. E. ATS methods: nonparametric regression for nongaussian data *J. Amer. Statist. Assoc.* 88 pp. 821-835. (1993)
- Mallows, C. L., More Comments on *Cp Technometrics* 37 pp. 362-372 (1995)
- Denby, L. and Mallows, C. L. Variations on the histogram *J Computational and Graphical Statistics* 18 pp 21-31 (2009)
- Stopping: Dalal, S. R. and Mallows, C. L. When should one stop testing software? *J. Amer. Statist. Assoc.* 83 pp.872-879. (1988)
- Dalal, S. R and Mallows, C. L. Buying with exact confidence *Ann. Appl. Prob.* 2 pp. 752-765. (1992)